Part Number 110333-002 Revision A

SyQuest®

ezflyer™ 230MB
REMOVABLE CARTRIDGE HARD DRIVE

230 MB Portable Parallel Port Removable Cartridge Disk Drive

Installation Guide for
PC Compatible Systems

Welcome to SyQuest®

Thank you for buying a SyQuest removable cartridge disk drive, a truly unique combination of powerful features and performance. Our goal is to make your drive an invaluable asset for years to come, starting today. If you have questions or need assistance installing your drive, please contact SyQuest.

SyQuest® Technology is located at 47071 Bayside Parkway, Fremont, CA, 94538-6517. SyQuest's main phone number is 510-226-4000, which has a 24-hour automated system to help direct your calls. You may also contact Sales or Technical Assistance at these online addresses:

Sales		**Technical Assistance**	
U.S.A.		U.S.A.	
Email	sales@syquest.com	Email	support@syquest.com
		World Wide Web	http://www.syquest.com
		Germany	
		Email	support.de@syquest.com
		United Kingdom	
		Email	support.uk@syquest.com

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Getting Started

You can connect the EZFlyer™ portable Parallel Port drive to any 386™, 486™, or Pentium™ class desktop or tower computer that has the following features to operate the EZFlyer drive properly:

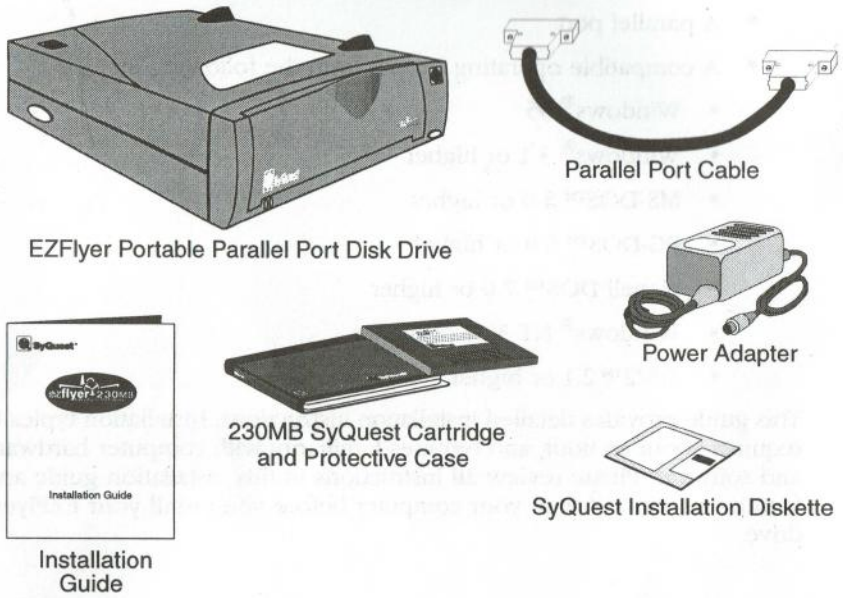
- A parallel port
- A compatible operating system from the following list:
  - Windows® 95
  - Windows® 3.1 or higher
  - MS-DOS™ 5.0 or higher
  - PC-DOS™ 5.0 or higher
  - Novell DOS™ 7.0 or higher
  - Windows® NT 3.51 or higher
  - OS/2™ 2.1 or higher

This guide provides detailed installation instructions. Installation typically requires about an hour, and requires familiarity with computer hardware and software. Please review all instructions in this installation guide and familiarize yourself with your computer before you install your EZFlyer drive.

Preparing the Drive

1. Unpack your EZFlyer drive.

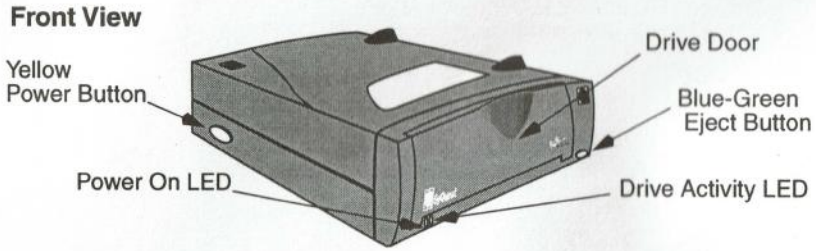
Unpack and inspect the contents of the shipping carton.



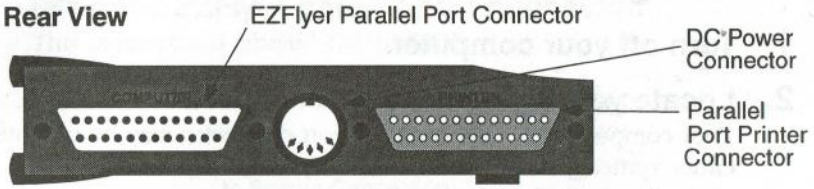
2. Study the drive's features, controls, and indicators.

Once you are familiar with your EZFlyer drive, go to "Installing the Drive" on page 4.

Front View



Rear View



Caution: SyQuest recommends that you operate your EZFlyer drive in the horizontal position. If you use the EZFlyer drive in the vertical position, be sure to install the mounting foot as described in the installation procedure.

Caution: Never store or transport the EZFlyer drive with the cartridge partially inserted. Leaving a cartridge partially inserted, or transporting the EZFlyer drive with the cartridge inserted may damage the EZFlyer drive and void your warranty.

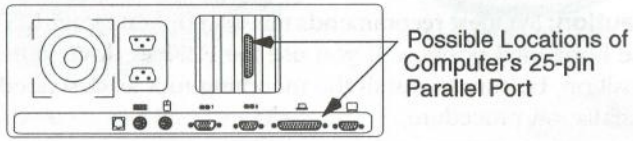
Note: The EZFlyer drive automatically goes into a power saving mode after 5 minutes of inactivity. In the power saving mode, the Drive Activity LED is off. Normal drive activity will restore full power to the drive when needed.

Installing the Drive

1. Turn off your computer.

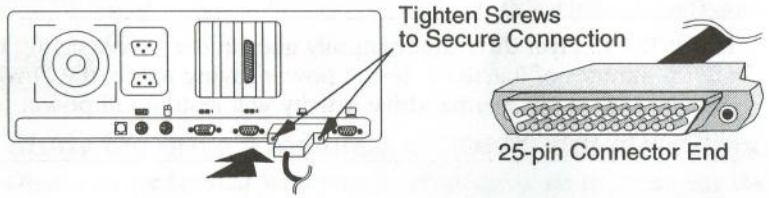
2. Locate your computer's parallel port.

Your computer's parallel (printer) port connector may be mounted either vertically or horizontally. Your printer (if you have one) is normally attached to the parallel port.



3. Plug the 25-pin connector end of the cable into your computer's parallel port.

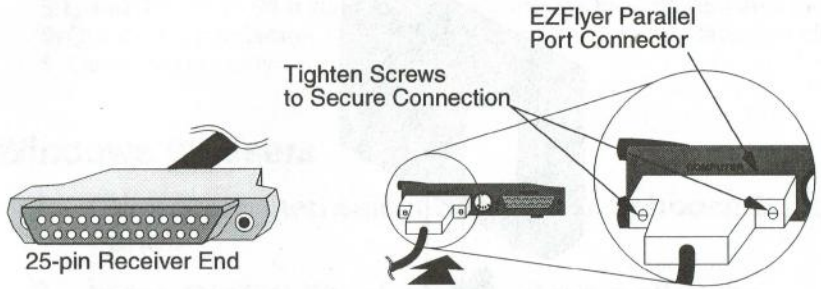
If you currently have a printer cable attached to this port, remove the printer cable first.



Caution: Many SCSI adapters also use 25-pin connectors. Do *not* attach your EZFlyer portable Parallel Port drive to a 25-pin SCSI connector, or you may damage your drive. Use only the SyQuest-provided parallel port cable. Data errors may occur if you use a different cable.

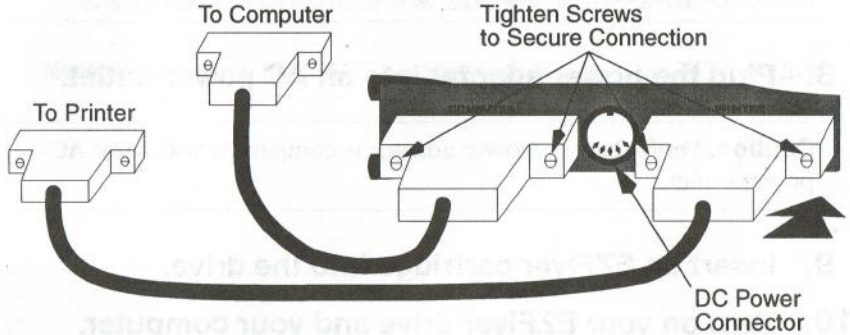
4. Plug the 25-pin receiver end of the cable into the left-hand EZFlyer parallel port connector.

This connector is labeled *COMPUTER*.

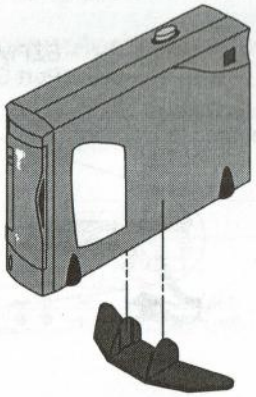


5. Connect your printer to the EZFlyer drive's printer connector.

If you removed a printer cable in step 3, attach the printer cable to the connector labeled *PRINTER*.



6. **If you are using the drive in the vertical position, attach the mounting foot to the base of the drive.**



7. **Plug the provided power adapter into the DC power connector located at the rear of the EZFlyer drive.**

Caution: Only use the EZ family power adapter. Using a different power adapter may damage your drive.

8. **Plug the power adapter into an AC power outlet.**

Caution: Verify that the power adapter is compatible with your AC power outlet.

9. **Insert an EZFlyer cartridge into the drive.**

10. **Turn on your EZFlyer drive and your computer.**
The drive will begin to spin up the cartridge, and the Drive Activity LED will flicker. The LED will glow steadily green when the drive is ready. If the Drive Activity LED does not glow green, see "Inserting the Cartridge" on page 11.

Installing SyQuest Software

After connecting your EZFlyer drive to your computer, you need to install SyQuest software in order to use your drive. The DOS, Windows 3.1, and Windows 95 installation include the SyQuest drivers and the SyQuest Utility software. The OS/2 and Windows NT installations include SyQuest drivers only.

Windows 95 Users

1. **Click Start, then select Settings and choose Control Panel.**

2. **In the Control Panel window, double click the Add/Remove Programs icon.**

3. **Insert the *SyQuest Installation Diskette* and click Install.**
Click Next, then click Finish.

4. **Follow the instructions in the Installation Wizard window to complete the software installation.**

Note: You can use the VISIT95 program to hot plug the EZFlyer drive.

3. **Double click the Install/Remove icon.**

4. **Double click the Device Driver Install icon.**

5. **Insert the *SyQuest Installation Diskette* into your diskette drive.**

6. **By typing on the source line, change the source from `A:` to `A:\OS2-40`.**

   If `B:` is your 3.5-inch diskette drive, change the source to `B:\OS2-40`.

7. **Click the Install button and click EIDE/IDE or Parallel Port for Warp 4.0 to complete the installation.**

OS/2 3.0 and Below

1. **Double click the OS/2 System icon.**

2. **Double click the System Setup icon.**

3. **Double click the Device Driver Install icon.**

4. **Insert the *SyQuest Installation Diskette* into your diskette drive.**

5. **By typing on the source line, change the source from `A:` to `A:\OS2`.**

   If `B:` is your 3.5-inch diskette drive, change the source to `B:\OS2`.

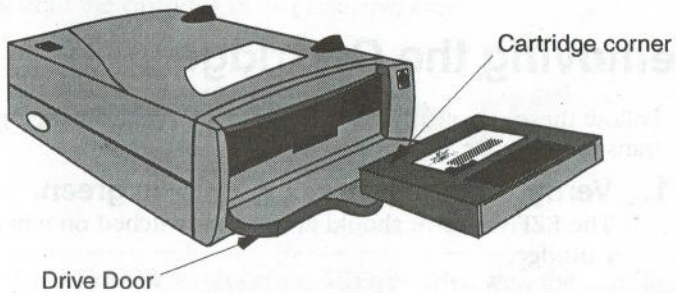
6. **Click the Install button and click EIDE or SyQuest Parallel Port to complete the installation.**

Inserting the Cartridge

The EZFlyer drive reads, writes, and formats SyQuest 135 MB and 230 MB cartridges. The drive *cannot* read, write, or format other SyQuest cartridges.

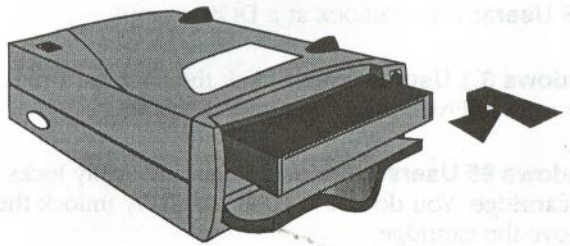
1. **Hold the cartridge as shown in the figure below.**

2. **Open the drive door with the cartridge corner.**



Note: You can insert SyQuest cartridges with the drive power on or off.

3. **Slide the cartridge into the drive until it stops.**



4. **Press down on the cartridge until it locks into place.**
The drive will begin to spin up the cartridge, and the Drive Activity LED will flicker. The LED will glow steadily green when the drive is ready.

Caution: If you drop your EZFlyer drive, do *not* test it or insert a cartridge to see if it was damaged by the drop. Contact your SyQuest reseller for instructions.

Removing the Cartridge

Follow these steps to remove the cartridge when changing cartridges or transporting your EZFlyer drive.

1. **Verify that the power LED glows green.**
The EZFlyer drive should always be switched on when you eject a cartridge.

2. **Exit out of all applications that use the cartridge and close all open files on the cartridge.**
You may lose data if you eject the cartridge before closing all open files on the cartridge.

3. **Unlock the cartridge.**

DOS Users: Type UNLOCK at a DOS prompt.

Windows 3.1 Users: Double click the SyQuest Unlock Utility icon, select the EZFlyer drive letter and click Ok.

Windows 95 Users: Windows 95 automatically locks and unlocks the cartridge. You do not need to manually unlock the cartridge to remove the cartridge.

OS/2 Users: Select the EZFlyer drive icon, click the right mouse button, and select the Unlock menu item.

4. **Press the eject button on the front of the EZFlyer drive.**
The Drive Activity LED will flicker, the drive door will open, and the cartridge will pop out of the drive after a few seconds. If the Drive Activity LED does not flicker, unmount the cartridge using the SyQuest Windows 95 Utility, or use the SyQuest Unlock utility in Windows 3.1.

5. **Remove the cartridge and place it in its case.**
Always store the cartridge in its protective case.

Caution: Never store or transport the EZFlyer drive with the cartridge partially inserted. Leaving a cartridge partially inserted, or transporting the EZFlyer drive with the cartridge inserted may damage the drive and void your warranty.

Ejecting the Cartridge Without Power

In the event of a power failure, you can remove the cartridge using the manual eject hole.

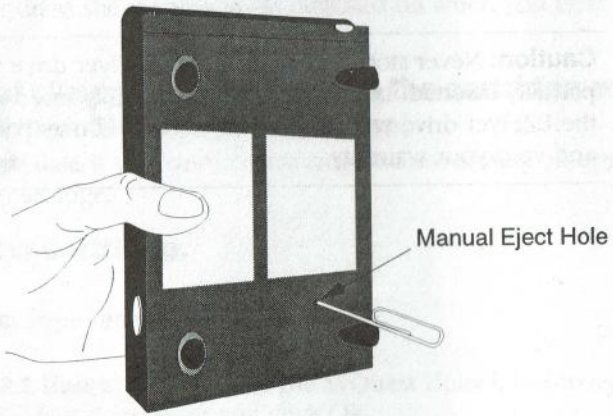
1. **Wait at least one minute after the power fails before you perform this procedure.**

2. **Locate the manual eject hole on the bottom of the drive.**

   The manual eject hole is a small round hole on the bottom of the EZFlyer drive.

3. **Insert a straightened paper clip into the manual eject hole on the bottom of the drive.**

   The cartridge will eject partway.



Caution: Be careful not to hold the EZFlyer drive with the drive door facing down. The cartridge may fall out of the drive and be damaged.

4. **Remove the cartridge and place it in its protective case.**

Write-Protecting the Cartridge

You can use the EZFlyer drive's write-protect software (part of the SyQuest Utilities) to prevent data on the cartridge from being altered or erased. You can use SyQuest Utilities under DOS, Windows 3.1, and Windows 95.

Caution: The silver Read Only switch on 135 MB or 230 MB cartridges does *not* write-protect the cartridge in the EZFlyer drive. The write-protect feature of the EZFlyer drive is controlled by software utilities only, regardless of any hardware write-protect settings.

SyQuest cartridges ship from the factory ready to record data. To write-protect a cartridge:

1. **Verify that a cartridge is in the drive and the Drive Activity LED glows green.**

2. **Run the SyQuest utility software**

   You installed the SyQuest utilities in "Installing SyQuest Software" on page 7.

   DOS Users: Run the SQSHELL program and select Options. Select either:

   - Enable Write Protect Utility
     Data on the cartridge cannot be altered or erased.

   or

   - Disable Write Protect Utility
     Data on the cartridge can be edited or erased.

Windows 3.1x Users: Run the SyQuest Utilities and click the Control button. Click the EZFlyer drive letter button and click the Set to ON button in the Write Protect box. To disable the write-protect feature, select the drive letter button in the list box and click the Reset to OFF button in the Write Protect box.

Windows 95 Users: Run the SyQuest Win95 Utility and click the Control button. Select the letter of the EZFlyer drive in the list box and click the Set to ON button in the Write Protect box. To disable the write-protect feature, Select the drive letter in the list box and click the Reset to OFF button in the Write Protect box.

Note: Write-protection is not supported under Windows NT or OS/2.

Safety Standards

This product meets the following national and international regulations:

- UL 1950 Standard for Safety of Information Processing and Business Equipment
- UL Standard for Safety of Information Technology
- CSA C22.2 No. 154 Data Processing Equipment
- CSA C22 No. 220 Information Processing Equipment
- IEC 435 Safety Requirements for Data Processing Equipment
- IEC 380 Safety of Electrical Energized Office Equipment
- IEC 950 Safety of Information Technology Equipment in Electrical Business Equipment
- VDE 0871/1984
- VFG 243/1991

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FCC Warning

This equipment generates and uses radio frequency energy and, if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type-tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, try to correct the interference by one or more of the following measures:

- Reorient the antenna.
- Relocate the equipment with respect to the receiver.
- Move the equipment away from the receiver.
- Plug the equipment into a different outlet so that equipment and receiver are on different branch circuits.

If necessary, consult your dealer or an experienced radio/television technician for additional suggestions. The booklet entitled *How to Identify and Resolve Radio-TV Interference Problems,* prepared by the Federal Communications Commission, may be helpful. This booklet, Stock No. 004-000-003454, is available from the U.S. Government Printing Office, Washington, DC 20402.

Notice

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The EZFlyer removable cartridge *disk drive* is covered by one or more of the following U.S. Patents: 4,864,437; 4,920,462; 5,400,201; 5,526,212.

The EZFlyer disk drive *cartridge* is covered by one or more of the following U.S. Patents: 5,218,503; 5,262,918; 5,280,403; 5,422,775; DES342,062; DES367,579.

Other U.S. Patents and other nations' patents pending.

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Notes